

IN THE CLAIMS:

Please cancel claims 2-3 without prejudice, amend claims 1, 4-6, and 19-20, and add new claim 21 as follows:

1. (Currently Amended) A polycrystalline structure film comprising:

metallic islands formed on a surface of a substrate and including atoms of at least one metallic element and molecules of a compound, the metallic islands physically spaced from each other so as to expose a metallic compound between the metallic islands, the compound of the metallic island being alternatively selected from an oxide and a nitride and consisting of elements different from the at least one metallic element; and

a seed crystal layer containing crystal grains, each of the crystal grains having grown from a corresponding one of the metallic islands ~~so as to stand from a surface of the metallic compound; and~~

a magnetic crystal layer containing magnetic crystal grains, each of the magnetic crystal grains having grown from a corresponding one of the crystal grains of the seed crystal layer.

2-3. (Cancelled)

4. (Currently Amended) The polycrystalline structure film according to ~~claim 3~~claim 1, wherein said ~~metallic~~ compound of the metallic islands is any of Si_3N_4 , SiO_2 and Al_2O_3 .

5. (Currently Amended) The polycrystalline structure film according to ~~claim 2~~claim 4, wherein said ~~metallic islands include~~ at least one metallic element includes platinum atoms.

6. (Currently Amended) The polycrystalline structure film according to ~~claim 2~~claim 1, wherein said metallic islands contain said compound in a range between 5at% and 20at%.

7-18. (Cancelled)

19. (Currently Amended) The polycrystalline structure film according to claim 1, wherein each of said crystal grains ~~contacts with~~ of the magnetic crystal layer is separated from another crystal grain of the magnetic crystal layer at a grain boundary, the crystal grains of the magnetic crystal layer being made of cobalt and platinum, non-magnetic material chromium atoms diffusing along the grain boundary.

20. (Currently Amended) The polycrystalline structure film according to claim 19, wherein a wall of the ~~non-magnetic material~~chromium atoms is formed at the grain boundary.

21. (New) The polycrystalline structure film according to claim 5, wherein the at least one metallic element further includes cobalt.